

Attorney's Docket No. 015291-156

Application No. _____

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Please replace the Abstract with the following amended Abstract:

ABSTRACT

~~The invention relates to a~~ A gypsum dryer/calciner (1) comprising includes a calcining space (2), a first pipe (4) exhibiting an inlet connected to a source of hot gases (3) and an outlet emerging in the calcining space (2); a second pipe (5) exhibiting an inlet connected to a source of gypsum (8) and an outlet emerging in the calcining space, the second pipe being concentric with the first pipe; a force-feeding screw (6) positioned at least partially in the second pipe, the said screw carrying the gypsum along in the calcining space. ~~The invention also relates to a~~ A process for calcining gypsum and to the plaster capable of being obtained by this process.

Figure 1

ABSTRACT

A gypsum dryer/calciner (1) includes a calcining space (2), a first pipe (4) exhibiting an inlet connected to a source of hot gases (3) and an outlet emerging in the calcining space (2); a second pipe (5) exhibiting an inlet connected to a source of gypsum (8) and an outlet emerging in the calcining space, the second pipe being concentric with the first pipe; a force-feeding screw (6) positioned at least partially in the second pipe, the said screw carrying the gypsum along in the calcining space. A process for calcining gypsum and to the plaster capable of being obtained by this process.